



XD-DV290

HRJ(N), LH(N)

SERVICE MANUAL

DVD PLAYER

BASIC DVD MECHANISM : LDM-H109

- Replace this Service Manual with "Revision Publishing" when it is issued.

aiwa
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SIMPLE
DATA

MAIN PARTS LIST - 1

NOTE: The characters in the suffix column indicate the part usage.

REF. NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
HR<N>XX			C
LH<N>XX			D
83-NEG-677-080	0E	DIODE, MTZ5.6B		ABCD
87-001-196-010		IC, KIA7042P		ABCD
87-003-097-080		COIL, 1.0M 2.3-3.4-5		AB..
87-010-060-080		CAP, E 100-16V		ABCD
87-010-112-080		CAP, E 100-16V		ABCD
87-010-140-080		CAP, E 47-16V		ABCD
87-010-237-910		CAP, E 1000UF-16V		ABCD
87-010-371-080		CAP, E 470-6.3V		.C
87-010-375-080		CAP, E 330-10V		ABCD
87-010-387-010	1A	CAP, E 470UF-25V KME		ABCD
87-010-402-040	0E	CAP, E 2.2-50V		.C
87-010-403-040	0E	CAP, E 3.3-50V		
87-010-408-040		CAP, E 47UF-50V		ABCD
87-010-408-080		CAP, E 47-50V		
87-012-379-010		CAP, 3300PF-400V		ABCD
87-015-681-080	0E	CAP, E 10-16V		ABC
87-015-684-080	0E	CAP, E 47-16V		ABCD
87-016-099-090	1C	CAP, E 100-200V		
87-016-375-010		CAP, 0.01UF-630V		ABCD
87-016-577-080		CAP, E 470UF-16V		AB..
87-017-352-010		DIODE, RU3YXLF-C1 100V2		ABCD
87-020-465-080	0E	DIODE, 1SS133		ABCD
87-070-334-070		ZENER, MTZ10B		ABCD
87-245-033-410		SCREW, D1.7-4		ABCD
87-251-037-410		SCREW, D2.0-10		AB..
87-741-035-410		SCREW, D2.0-6		ABCD
87-A40-284-080		DIODE, ERA22-10		ABCD
S0-2TF-H68-0M0		CAP, E 68U-400V		ABCD
S0-40H-104-0B0		RUBBER R(D2)		.CD
S0-41H-105-0B0		FEED BASE ASSY		ABCD
S0-41H-105-5A0		MAIN BASE ASSY		ABCD
S1-10R-014-3A0		CASE TOP		AB..
S1-10R-014-3F0		CASE, TOP		.CD
S1-10R-RHP-03A		VR, RK09K1110Z0223B 6.5-2		.C
S2-02R-427-01G		C-RESO 27MHZ 20P		ABCD
S2-12H-B20-02A		CCR20.0MC6T TDK 20000000H		ABCD
S2-309-024-040	1C	SENSORLTV-817B PHOTO COU		ABCD
S3-02H-V00-1D0		7-BT-259GK DH		ABCD
S3-530-46K-000		SPECIAL SCREW 3-10 B.K		ABCD
S3-530-46N-000		SPECIAL SCREW 3-8 BK		ABCD
S3-530-51A-000	0E	SCREW, SPECIAL		ABCD
S3-530-51B-000		SPECIAL SCREW		ABCD
S3-70H-108-5A0		SHAFT PU MAIN		ABCD
S3-70H-108-5B0		PU SUB SHAFT		ABCD
S3-71H-100-9A0		LEAD SCREW SHAFT ASSY		ABCD
S3-90H-102-1A0		DISC TRAY(D1 PLAYER)		ABCD
S4-00H-101-0A0		LOADING BELT		ABCD
S4-10R-AHC-02B		NI NM CORE SP-2 1 POW		.B..
S4-10R-CHC-02B		CORD, POWER		.BC
S4-10R-GHC-02B		POWER CORD		.D
S4-10R-LHC-02B		CORD POWER		A..
S4-30H-000-4A0		LOADING CAM		ABCD
S4-70H-112-9A0		PULLEY GEAR		ABCD
S4-70H-113-0A0		EMERGENCY GEAR		ABCD
S4-70H-113-1A0		LOADING GEAR		ABCD
S5-01R-121-7W0		MAIN BOARD ASSY		.C
S5-01R-136-7E0		FRONT BOARD ASSY		.C
S5-562-19B-000		SW, SKHV10910B		ABCD
S5-640-17B-000	1H	PLUG ASSY PHONE CORD 1WAY		ABCD
S5-640-18B-000		PLUG ASSY PHONO CORD		ABCD
S5-720-75A-000		BJP-202L BAEEN BLACK		ABCD
S5-81R-000-7A0		TRAY DOOR ASSY		AB..
S5-81R-000-7B0		TRAY DOOR ASSY		.CD
S5-850-03P-000		5TT 250V1.6A BEL		
S5-850-11T-000		FUSE, 1600MA 250V		ABCD
S5-850-27B-000		FUSE, 1600MA 250V		
S6-12H-K26-02A		TOTX178 TOSHIBA AN/DIP		
S6-12R-BH0-08A		YKF51-5506 JALCO HORIZONT4P		ABCD
S6-12R-FV0-01B		HTJ-064-255GG KUNMING MIC PJK		.C
S6-12R-IH0-05D		JACK, PPJ6031J		ABCD
S6-12R-L00-1A0		TOTX178 HORIZONTA JK		.CD
S6-140-07R-000		RES, 2.7-2W		ABCD
S6-160-20P-000		CSA6.00MGU MURATA 6MHZ		ABCD
S6-161-45E-000		FILTER KSE-145E		
S6-161-45G-000		FL SHT LFSQ2215V4-04220		
S6-161-45H-000		FILTER SHT LFS2020V4-04350		ABCD
S6-161-45J-000		FL BUJEON V-04350		ABCD
S6-240-86B-000		CAP, 103-400V		
S6-240-87B-000		CAP, 100P-1KV		ABCD
S6-240-88B-000		CAP, 0.1UF-250V		ABCD
S6-240-88F-000	1B	CAP, PCX2 275V 0.1UF, M		ABCD
S6-330-88D-000	1B	COIL, 20UH		ABCD
S6-330-88G-000		COIL, CHOCK TP 5MM		ABCD
S6-360-04C-000		COIL, BFS3550R2FD8		ABCD
S6-420-21G-000		KSE-021G KWANG SUNG NARRO		
S6-420-23T-000		PT, SHT-023T/KSE-023T		ABCD

MAIN PARTS LIST - 2

S6-560-04C-000	V SVC681D-10A		
S6-560-04F-000	SVR681D10A SAMYANG 680V		
S6-570-62B-000	SENSOR PC123Y	ABCD	
S6-80H-B10-24B	MOTOR(MECH)	ABCD	
S6-81H-102-0A0	PU FEED MOTOR ASSY	ABCD	
S6-81R-102-1A0	LOADING MOTOR ASSY	ABCD	
S7-11R-2N0-13A	REMOTE CONTROLLER A	ABCD	
S7-12R-083-8GA	TSOP1238UQ1 TEMIC 8MM 37 RC	ABCD	
S7-17H-100-5A0	PICK UP ASSY	ABCD	
S7-21R-F12-5A0	PANEL ASSY FRONT[NO	ABCD	
S7-21R-F12-5C0	PANEL ASSY FRONT	ABCD	
S7-21R-F12-5D0	EVNT PANEL ASSY,FRONT	ABCD	
S8-10H-105-5A0	CLAMP BRACKET	ABCD	
S8-10R-006-0A0	MICJACK BRACKET	ABCD	
S8-35R-S00-08G	INSTRUCTION BOOK DVD-2520N	ABCD	
S8-35R-S00-09G	INSTRUCTION ASSY	ABCD	
S8-615-20G-000	DVD-2520N CABLE ASSY	ABCD	
S8-61H-001-1A0	DISC CLAMP ASSY	ABCD	
S8-71R-122-5E0	KEY,PBA	ABCD	
S9-40R-V00-7A0	KNOB,VOLUME	ABCD	
S9-70H-110-0A0	SPR,SKEW	ABCD	
S9-70H-110-8A0	SPR,GUIDE FEED PU	ABCD	
S9-74H-104-3A0	GUIDE FEED PU	ABCD	
SA-1B3-0KH-2M0	CAP,220PF-400V	ABCD	
SC-E10-63F-638	CAP,E 10-16V	ABCD	
SC-E10-76D-638	CAP,100M-10V	ABCD	
SC-E10-86F-630	CAP,E 1000-16V	ABCD	
SC-E22-73D-638	CAP,E 220-10V	ABCD	
SC-E22-76F-638	CAP,E 220UF-16V	ABCD	
SC-E47-63J-638	CAP,E 47UF-35V	ABCD	
SC-E47-7CD-638	CAP,E 470UF-10V	ABCD	
SC-H71-05J-611	CAP,1U-35V	ABCD	
SC-H71-06D-611	CAP,M 10UF-10V	ABCD	
SC-H71-06F-621	C-CAP,10UF-16V	ABCD	
SC-H81-07C-621	C-CAP,100UF-6.3V	ABCD	
SC-H81-07C-691	C-CAP,100UF-6.3V	ABCD	
SC-H81-07F-611	C-CAP,100UF-16V	ABCD	
SC-H82-27D-611	C-CAP,220UF-10V	ABCD	
SC-H84-76C-611	C-CAP,47UF-6.3V	ABCD	
SD-D01-000-9CA	DIODE,EG01CW	ABCD	
SD-D19-300-9AB	C-DIODE,KDS193	ABCD	
SD-D22-060-9AA	DIODE,ERA22-06	ABCD	
SD-L32-531-9AA	LED SPR325MVWT31(GRN)	ABCD	
SD-R10-400-0AA	DIODE,RZ1040	ABCD	
SD-R10-400-9AB	DIODE,RL104	ABCD	
SD-R10-451-0AA	DIODE,B10A45V1	ABCD	
SD-R15-402-0BA	DIODE,1N5402	ABCD	
SD-R18-020-9AA	DIODE,ERA18-02KFRB	ABCD	
SD-R49-500-9AA	DIODE,RB495D	ABCD	
SD-Z51-000-9HA	ZENER,MTZ5.1B 0.5W	ABCD	
SD-Z62-000-9BC	ZENER,MTZJ6.2B	ABCD	
SI-AL2-402-10E	IC,AT24C02N-10SC-2.7	ABCD	
SI-AL4-916-14A	IC,AT49F1614-90TC	ABCD	
SI-AL4-981-92B	IC,AT49F8192A-90TC	ABCD	
SI-AM2-980-01A	IC,AM29F800B-120EC	ABCD	
SI-BB1-700-00A	IC,PLL1700E 20P	ABCD	
SI-BB1-716-00A	IC,PCM1716E 28P	ABCD	
SI-CB5-331-00A	IC,CS5331A-KS	ABCD	
SI-CU3-000-00A	IC,ZIVA3-PE0	ABCD	
SI-CU6-133-03A	IC,CL61330(ZIVA3)	ABCD	
SI-FA1-117-25A	IC,RC1117ST-2.5	ABCD	
SI-GS3-301-00C	IC,GDC25D801	ABCD	
SI-GS7-142-60E	IC,GM71C4260CJ-60	ABCD	
SI-GS7-216-16C	ICGM72V161621ET-7	ABCD	
SI-HI6-417-03B	IC,HD6417034AFI20	ABCD	
SI-HY2-580-10A	IC,GDC25D801AA	ABCD	
SI-JR3-414-00C	IC,NJM3414AM-TE1,3K/REEL	ABCD	
SI-JR4-580-00B	IC,NJM4580M	ABCD	
SI-KE3-930-00G	IC,KIA393F-EL	ABCD	
SI-KE4-310-00A	IC,KIA431 3P	ABCD	
SI-KE4-558-00A	IC,KIA4558P	ABCD	
SI-MQ5-316-25A	IC,V53C16256HK50	ABCD	
SI-RH3-308-00A	IC,BA3308	ABCD	
SI-RH5-983-20A	IC,BA5983FP-E2	ABCD	
SI-RH6-859-20A	IC,BA6859AFP-E2	ABCD	
SI-RW8-610-00A	IC,BT861	ABCD	
SI-SA8-661-12C	IC,LC866112B-5N21	ABCD	
SI-SH2-050-00A	IC,PQ20WZ5U 20WZ51	ABCD	
SI-SH3-130-00A	IC,PQ3DZ13U	ABCD	
SI-SK6-153-00A	IC,STR-G6153T 5P	ABCD	
SI-SS2-402-10A	IC,KS24C021CS	ABCD	
SI-SS4-161-02F	IC,KM4161020CT-G7	ABCD	
SI-SS4-310-00A	1B IC,KA431AZ	ABCD	
SI-SS7-542-00A	IC,KA7542Z	ABCD	
SI-SS7-808-00H	IC,KA78R08 4P	ABCD	
SI-TI7-437-40K	IC,SN74AHC374PWLE	ABCD	
SI-TO1-254-00A	IC,TA1254F	ABCD	
SI-TO7-040-00F	IC,TC7W04FU	ABCD	
SI-XL9-536-15A	X,TAL,C9536-15VQ44C 44P VQFP	ABCD	
SM-TZ6-8CT-000	ZENER,MTZ6.8C	ABCD	
SR-S01-01K-619	RES,1-2W	ABCD	
SR-S05-10K-619	RES,0.51-2W	ABCD	
SR-S10-03K-619	RES,100K-2W	ABCD	

MAIN PARTS LIST - 3

SR-S12-00J-619	0E	RES,M/F 120-1W	ABCD.....
SR-S33-02K-619	1A	RES,M/F 33K-2W
SS-ZZH-103-2C0		SCREW, 2.0-11	ABCD
ST-R10-000-9BM		TR,UMZ1N 3K	ABCD
ST-R10-000-9CB		TR,UMX1N	ABCD
ST-R10-300-9AA	1A	C-TR,KRC103S-T1	ABCD
ST-R10-370-9BB		C-TR,2SA1037K-Q	ABCD
ST-R10-500-9AB		TR,KRC105M	ABCD
ST-R11-510-0AA		TR,KSB1151-Y	ABCD
ST-R13-005-0AB		TR,KSE13005F
ST-R13-040-9BA		TR,KTD1304S	ABCD
ST-R15-040-9BF		TR,KTA1504S-Y	ABCD
ST-R15-050-9AD		TR,KTA1505S-Y	ABCD
ST-R31-980-9AC		TR,KTC3198-TP-BL	ABCD
ST-R38-750-9AC		CHIP KTC3875S-GR-T1	ABCD



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